

**MIDVALE CITY
LEGAL NOTICE
BID ADVERTISEMENT**

Sealed proposals will be accepted at Midvale City Hall, located at 655 West Center Street, Midvale, Utah 84047, until 2:00 PM on Friday, August 19, 2005 for the following item:

STREET SWEEPER

Specifications may be picked up beginning Wednesday, August 9 at 8:00 AM

Proposals to be delivered to: Rori Clark, City Recorder

Proposals will be evaluated on the following criteria: Price, Quality, Reputation, Future Service, and Compliance to specifications

The City reserves the right to reject any and all bids for any reason without liability.

Dear Vendors

Midvale City Corporation is requesting proposals for the purchase of a new street sweeper. Attached are the general specifications. Please submit your proposal to Midvale City Hall by August 19th, 2005 at 2:00 pm

Submit to:

Rori Clark, City Recorder
655 West Center St.
Midvale City, UT 84047

Proposals will be evaluated based on the following criteria:

Price: The total price of the bid.

Quality: The overall quality of the truck.

Reputation: The character, integrity, reputation, judgment, experience and efficiency of the bidder and the quality of previous goods, services or work.

Future Service: The ability of the bidder to provide future maintenance and services.

Compliance: Compliance of the specifications (attached).

The city reserves the right to reject any and all bids for any reason without liability.

Questions Contact:

Bryce Westcott

Ph: 256-2594

Cell: 558-8814

MIDVALE CITY
TECHNICAL SPECIFICATIONS
FOR
BROOM STREET SWEEPER WITH BELT CONVEYOR

COMPLY
Yes No

1.0 INTENT

✓ _____

It is the intent of this specification to provide for the purchase or lease purchase of one (1) new and unused street sweeper with a belt conveyor, 3.5 cubic yard front high dumping hopper, hydrostatic transmission, and right and left side broom with variable down pressure controlled from cab.

Midvale City Public Works Department has evaluated different types of street sweepers and has determined that this product is best suited for the City needs in safety, quality, performance, and standardization. This specification is not to be interpreted as restrictive, but rather as a measure of the safety, quality and performance against which all sweepers bid will be compared.

In comparing proposals, consideration will not be confined to price only. The successful bidder will be one whose product is judged to best serve the interests of the City when the set out criteria is considered Midvale City Corp. reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities.

COMPLY
Yes No

✓ _____

2.0 EQUIVALENT PRODUCT

Bids will be accepted for consideration on any make or model that is equal or superior to the sweeper specified. Decisions of equivalency will be at the sole interpretation of the Cities Department of Public Works. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. Original manufacturer's brochures of the proposed unit are to be submitted with the proposal.

All modifications made to the standard production unit described in the manufacturer's brochures must be certified by the manufacturer and submitted with the bid, or the bid will be deemed "non-responsive" and rejected without further review. Bidder must be prepared to demonstrate a unit similar to the one proposed, if requested.

COMPLY
Yes No

3.0 INTERPRETATIONS

In order to be fair to all bidders, no oral interpretations will be given to any bidder as to the meaning of the specification documents or any part thereof. Every request for such a consideration shall be made in writing to the City Recorder. Based upon such inquiry, the Recorder may choose to issue an Addendum.

COMPLY
Yes No

4.0 GENERAL

The specification herein states the minimum requirements of the City. All bids must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The City of Midvale will consider as "irregular" or "non-responsive" any bid not prepared and submitted in accordance with the bid document and specification, or any bid lacking sufficient technical literature to enable the City to make a reasonable determination of compliance to the specification.

It shall be the bidder's responsibility to carefully examine each item of the specification. Failure to offer a completed bid or failure to respond to each section of the technical specification (COMPLY: YES NO) will cause the proposal to be rejected without review as "non-responsive". All variances, exceptions and/or deviations shall be fully described in the appropriate section. Deceit in responding to the specification will be cause for rejection.

5.0 CHASSIS

COMPLY
Yes No

5.1 Configuration shall be, rear steer. Front steer configurations shall not be acceptable.

5.2 For safety, steering strut shall have dual tires. Single tire steer wheels shall not be acceptable in case of flat tire.

5.3 To protect the target vehicle receiving the hopper discharge, sweeper shall have permanently fixed heavy duty steel bumpers with rubber padding, capable of limiting the forward movement of the sweeper before the sweeper drive wheels or chassis can impact the target vehicle.

5.4 For maximum strength, chassis shall be unitized and wishbone reinforced.

5.5 Chassis shall have front and rear tow hooks.

- 5.6 Both engine compartment doors shall have raising assist cylinders.
- 5.7 Rear axle
- 5.8 Front axle
- 5.9 Cab interior environment shall be fully conditioned by air conditioner / fresh air heater / ventilator / defroster with 6 adjustable vents and dome light.
- 5.10 No portion of the air conditioning system shall protrude above the cab roofline.
- 5.11 A Smart backup alarm shall be supplied that senses the ambient noise levels and adjusts the decibels accordingly.
- 5.12 Shoulder and lap seat belts shall be supplied in lieu of the standard lap only seat belt.
- 5.13 An AM/FM/Cassette radio shall be provided.
- 5.14 A fan shall be mounted in the center of the dashboard to defrost or defog the front window.
- 5.15 A deluxe air suspension seat shall be provided at the right side operator station.
- 5.16 A deluxe air suspension seat shall be provided at the left side operator station.

OTHER CHASSIS ACCESSORIES

COMPLY
Yes No

- A 5-lb. fire extinguisher shall be provided.

6.0 CHASSIS ENGINE

COMPLY
Yes No

- 6.1 Diesel engine shall be 4 cylinder, turbocharged, dynamically counter balanced, 276 cu/in. (John Deere 4045T or equal).
- 6.2 Horsepower rating shall be 99 HP @ 2500 RPM.
- 6.3 Engine shall be rubber mounted.
- 6.4 For greater heat dissipation and lower cost of maintenance, engine shall have

individually replaceable wet sleeve cylinder liners.

- 6.5 Air cleaner shall be dual element safety dry-type. ✓ ___
- 6.6 Anti-freeze/water mixture shall be rated at -20 degrees. ✓ ___
- 6.7 Diesel fuel tank shall have a minimum capacity of 35 U.S. gallons. ✓ ___
- 6.8 For operator safety in the event of engine cutout, steering system shall have a manual override. ✓ ___
- 6.9 An engine shutdown shall be included which protects against damage when either low oil pressure or high coolant temperature conditions occur. A manual momentary override switch is supplied. The override switch gives the operator the opportunity to re-start the engine and drive the sweeper, should the engine shut down be required. ✓ ___
- 6.10 In addition to the existing filter/separator supplied with the engine, a fuel/water separator shall be installed for optimal fuel filtration of dirt and water. ✓ ___
- 6.11 A cap that can be used for the radiator, hydraulic tank or fuel tank shall be included which is chained to the sweeper to prevent loss. ✓ ___
- 6.12 A 1000 Watt block heater shall be included which warms the engine coolant for easier starting. This system is to be plugged into a 120-volt outlet overnight and unplugged just prior to starting engine. ✓ ___
- 6.13 In addition to the engine coolant reservoir at the radiator, an engine coolant recovery bottle with a closed, pressurized system is installed. When the sweeper cools, the coolant in the recovery bottle is drawn back into the engine coolant reservoir. This system prevents leaking and spilling and saves the operator time from filling the coolant tank frequently. ✓ ___
- 6.14 A Centri Best-ex air precleaner shall be provided to further protect sweeper engine. ✓ ___
- 6.15 Silicone hoses shall be installed on the auxiliary engine in lieu of standard rubber hoses. ✓ ___

7.0 HYDROSTATIC TRANSMISSION **COMPLY**
Yes No

- 7.1 Pump shall be variable displacement with separate variable displacement wheel drive ✓ ___

motors.

- 7.2 Power shall be evenly distributed through planetary torque hubs.
- 7.3 Power shall be transferred from wheel drive motors to planetary torque hubs without side loading.
- 7.4 Hubs of wheels shall contain drum for drum braking system.
- 7.6 To prevent the possibility of contamination and the resulting damage to the transmission system, transmission shall be protected by 10 micron filter with cab restriction indicator.

8.0 TIRES AND WHEELS

COMPLY
Yes No

- 8.1 Drive tires shall be tubeless radial tires, 11R22.5 (14 Ply Rated) mounted on disc wheels.
- 8.2 Dual rear tires shall be tubeless radial tires, 9R17.5 (16 Ply Rated) 15 mounted on disc wheels.

9.0 BRAKES

COMPLY
Yes No

- 9.1 Service brakes shall be full power, enclosed, hydraulic, internal expanding shoe type.
- 9.2 For safety, the hydrostatic system shall be equipped with a priority relief valve to enable the sweeper to gradually coast to a stop when the accelerator pedal is released. The City has determined that systems that abruptly stop the sweeper by dynamically braking when the accelerator pedal is in the neutral position are potentially dangerous to our operators and following vehicles and will not be accepted.
- 9.3 For safety, loss of engine power shall not automatically engage brakes.
- 9.4 For safety, loss of hydraulic power shall not automatically engage brakes.

- 9.5 For safety, neither brake engagement nor disengagement shall be dependent upon the engine running.
- 9.6 For safety, neither brake engagement nor disengagement shall be dependent on any electrical circuit.
- 9.7 To safely provide redundancy, parking brake shall be positively and mechanically applied to drive axle.
- 9.8 Neither parking brake engagement nor disengagement shall be dependent on any electrical circuit.

10.0 CAB

COMPLY
Yes No

- 10.1 For safety and maximum operator visibility, door windows shall be vertical sliding bubble windows.
- 10.2 For safety, minimum cab visibility shall be approximately 360° without using mirrors.
- 10.3 For operator safety, cab doors shall be rear opening (hinged at front).
- 10.4 Right-hand and left-hand seat shall be vinyl upholstered, foam cushioned bucket type with torsion suspension mounting and seat belts.
- 10.5 Sweeper shall include one (1) inside rear view mirror and two (2) outside west coast type mirrors.
- 10.6 To maximize operator visibility, outside mirrors shall be mounted forward of the drive wheels.
- 10.7 For safety during night sweeping, rocker switches shall be internally illuminated so that they can be readily identified without the use of the cab dome light.

- 10.8 Windshield wiper shall be two speed with washer.
- 10.9 Interior of cab shall be lined with acoustical insulation, have automotive type trim, and center console.
- 10.10 Dash shall be faced with soft molded plastic.
- 10.11 There shall be a soft textured steering wheel with center horn at the operator position.
- 10.12 Sweeper shall have an automatic electronic back-up alarm.
- 10.13 Sound levels within the cab shall not exceed OSHA standards.
- 10.14 Door latch systems shall be FMVSS approved.
- 10.15 Doors and ignition shall be keyed alike.

11.0 SIDE BROOMS

COMPLY
Yes No

- 11.1 Side broom shall be hydraulic, direct drive, vertical digger type mounted on right and left sides.
- 11.2 To provide flexibility for varying sweeping conditions, broom speed shall be variable, (90 RPM to 160 RPM), by operator from cab while moving independent of sweeping speed.
- 11.3 Broom down pressure shall be adjustable by operator from the cab while sweeping.
- 11.4 Each broom shall consist of four (4) replaceable plastic segments, filled with 26" long tempered wire.
- 11.5 Broom diameter shall be not less than 36", protruding not less than 13" beyond outside of tire while sweeping.

- 11.6 Tilting of right side broom shall be variable from the cab. An electrically controlled linear actuator shall allow the operator to tilt the side broom inward and outward from the cab, while sweeping. ✓
- 11.7 Both right and left-hand side brooms shall be capable of forward or reverse rotation. Thus allowing material to be swept under the sweeper or away from the unit. ✓

COMPLY
Yes No

12.0 MAIN BROOM

- 12.1 Broom shall be hydraulic, direct drive, not less than 35" diameter and not less than 68" long. ✓
- 12.2 To provide flexibility for varying sweeping conditions, broom speed shall be variable, (80 RPM to 140 RPM), by operator from cab while moving independent of sweeping speed. ✓
- 12.3 Broom shall be prefab disposable type, filled with polypropylene. ✓
- 12.4 Broom shall be double wrapped at both ends. ✓
- 12.5 Sweeping path shall be not less than 8 feet wide with one gutter broom activated. ✓
- 12.6 For protection, the conveyor and main broom shall automatically raise when transmission gear is put in reverse. ✓
- 12.7 Carbide dirt shoes in lieu of standard rubber shall be supplied which are located at the outsides of the main broom, used to keep debris between the main broom and conveyor. The main broom rotates between the two dirt shoes. Wings at the rear of each dirt shoe assure that the bristles are turned in and ride flush within the dirt shoe housings. ✓

COMPLY
Yes No

13.0 CONVEYOR

- 13.1 Conveyor shall be hydraulically driven and able to load hopper to 100% of rated useable capacity. ✓
- 13.2 Conveyor shall be reversible in direction without stopping or reversing any broom. ✓
- 13.3 Conveyor shall be capable of effectively sweeping debris of varying sizes (from large bulky trash 6" in height to fine sand) without the need to make any adjustments to the conveyor system. ✓

- 13.4 To reduce wear on all conveyance components, a conveyor belt having molded cleats shall carry, not drag, debris to the hopper. ✓
- 13.5 To prevent the conveyor belt from sticking to the lower roller, a LifeLast polyurethane coated roller shall be supplied which replaces the standard lower roller. ✓

COMPLY
Yes No

14.0 HOPPER

- 14.1 For safety, the hopper shall be front dumping, allowing an operator to observe the dump target and surrounding area at all times from the cab, without the use of mirrors. ✓
- 14.2 Hopper shall dump at varying heights ranging from ground level through a height of 9-1/2 feet. ✓
- 14.3 Hopper shall have a dumping reach of 33 in. forward. ✓
- 14.4 To extend wear life, all moving parts and tilt pins shall be greasable. ✓
- 14.5 Dump cycle shall be not more than 60 seconds. ✓
- 14.6 Volumetric capacity shall be not less than 3.5 cubic yards, useable capacity not less than 3 cubic yards. ✓

COMPLY
Yes No

15.0 WATER SYSTEM

- 15.1 Tank capacity shall be not less than 180 U.S. gallons. ✓
- 15.2 Tank shall be constructed of non-rusting material (polyethylene or 7 gauge type 304 stainless steel). Because epoxy lining has the potential to chip and flake off causing clogs in the water system, water tank constructions containing epoxy liners will not be accepted. ✓

STATE TANK CONSTRUCTION: POLYETHYLENE

- 15.3 Pump shall be centrifugal type capable of running dry. ✓
- 15.4 Water fill gauge shall be visible from normal operating position. ✓

- 15.5 Sweeper shall be equipped with an automatic internal hopper/conveyor flush and wash down system. ✓
- 15.6 Water fill hose shall be not less than 16'8" in length, equipped with 2-1/2" NST hydrant coupler. ✓
- 15.7 Storage basket shall be provided for fill hose. ✓
- 15.8 An additional 40 gallons lower water tank shall be added to the unit. This increases the total capacity from 180 gallon to the maximum capacity of 220 gallon. ✓
- 15.9 A conveyor lower roller cleanout shall be provided. ✓
- 15.10 An in-cab dash mounted visual indicator of low/no spray water pressure from the water pump shall be included. ✓
- 15.11 A quick coupling for the water fill hose in lieu of threaded on the water fill hose shall be supplied. ✓

COMPLY
Yes No

16.0 HYDRAULIC SYSTEM

- 16.1 Power shall be provided by shaft and gear driven pumps. ✓
- 16.2 Hydraulic reservoir shall be not less than 30 gallons, baffled and with sight gauge. ✓
- 16.3 Test ports shall be at staggered height, including individual ports for sweeping functions, hopper functions and propulsion. ✓
- 16.4 To prevent contamination of the reservoir during the dump cycle, the reservoir vent shall be equipped with 10 micron, spin on filter. ✓
- 16.5 To prevent the possibility of contamination and the resulting damage to the hydraulic system, suction lines for drive to have 10 micron filter with cab mounted restriction indicator. ✓
- 16.6 To prevent the possibility of contamination and the resulting damage to the hydraulic system, return lines for drive to have 10 micron filter with cab mounted restriction indicator. ✓
- 16.7 To prevent contamination of the reservoir when adding hydraulic fluid, all oil added shall pass through a 10 micron filter located within the fill spout. ✓

- 16.8 To maximize cooling efficiency and permit thorough cleaning, the hydraulic cooler shall be mounted along side the water radiator.
- 16.9 Cooler shall be protected by a 125 PSI bypass valve.
- 16.10 To minimize environmental damage caused by leaking hydraulic fittings, all pressure hydraulic fittings shall be flat-face "O" ring or "O" ring boss type.
- 16.11 All circuits shall have quick-disconnect check ports.

COMPLY
Yes No

17.0 ELECTRICAL

- 17.1 Unitized alternator/regulator shall be not less than 120 ampere.
- 17.2 Battery shall be maintenance free, 12 volt, 180 minimum reserve, 925 CCA.
- 17.3 For safety, all electrical circuits shall be protected with automatically self-resetting circuit breakers which do not require any action by the operator to reset.
- 17.4 All lighting shall be D.O.T. approved including combination stop and tail lights, sealed multiple beam headlights, high beam - low beam switch, adjustable side broom spotlights, illuminated gauges and instrument panel, internally illuminated rocker switches, self canceling directional signals, and hazard switch.
- 17.5 For ease of electrical "trouble shooting", all wiring shall be harnessed, identified by color coded and word coded wires (i.e. "Ignition", "Headlight" etc.) every four inches.
- 17.6 All terminals and electrical splices shall be crimped and soldered.
- 17.7 To prevent deterioration from oxidation all electrical splices shall be fully and completely insulated with heat shrinkable tubing.
- 17.8 All electrical connections shall be sealed with weatherproof, polarized connectors.
- 17.9 A multi-light 4-ft. arrow shaped indicator shall be mounted on rear of sweeper for safety reasons. Lights are to be controlled by in-cab switch to indicate left, right or both directions of travel.
- 17.10 A Federal Signal strobe light shall be provided.

17.11 Wiring and mounting provisions for one beacon or strobe light on the top of the cab shall be included.

17.12 A set of six reflectors shall be provided.

18.0 CONTROLS

COMPLY
Yes No

18.1 All sweeper controls shall be mounted on a central control console with locking ignition for use from either right or left positions. This allows the operator to view all important information from either operating position.

18.2 The controls shall include all sweep, spray water, and lighting functions.

18.3 The controls for sweep, spray water (if equipped with a water system), and lighting functions shall be conventional rocker switches.

18.4 Rocker switches shall be clearly identified by name and international symbol.

18.5 Hydraulic functions shall be controlled by electric rocker switches.

18.6 Hopper dump functions shall be controlled by a single "joy" stick. Multiple levers shall not be acceptable.

19.0 INSTRUMENTS

COMPLY
Yes No

19.1 Instrument panel shall be full vision illuminated with tachometer, hour meter, speedometer, odometer, fuel gauge, hydrostatic oil temperature gauge, water temperature gauge, oil pressure gauge, voltmeter gauge, hydraulic filter/drive filter indicator and engine air intake restriction indicator.

20.0 PAINT

COMPLY
Yes No

20.1 All visible exterior metallic surfaces shall be coated prior to assembly with polyester powder coat. The paint must be a minimum of 2 mils thick. The uses of acrylic enamels and/or polyurethane's are not acceptable.

20.2 Color shall be the City of Midvale's color of "White".

20.3 Vehicle shall have an accent color of Grey on the lower portions of the unit.

COMPLY
Yes No

21.0 MANUALS

21.1 A parts manual shall be provided.

21.2 An operation manual shall be provided.

21.3 Manufacturer's instructional video showing proper safety procedures, maintenance, adjustments and operation. If requested, bidder shall provide a copy of this video for review by Midvale personnel.

21.4 A manufactures repair manual shall be provided

COMPLY
Yes No

22.0 WARRANTY

22.1 Manufacturer's warranty shall be not less than one (1) year on entire vehicle.

22.2 Bidders submitting literature stating warranties which do not fully comply with warranty requirements of this specification, must submit a letter from the manufacturer certifying warranty compliance as an integral part of their proposal. Failure to comply may cause the proposal to be deemed "non-responsive" and rejected without further review.

COMPLY
Yes No

23.0 SERVICE AND TRAINING

23.1 Vendors shall have a full parts and service facility within a reasonable distance from the cities Garage. State location and distance. Vendor must have a service vehicle on hand.

SALT LAKE COY 17 MILES

23.2 A qualified technician shall provide complete training to Midvale personnel at the Manufactures Facility. Training shall include safety, operation, maintenance and service.

24.0 DELIVERY

COMPLY
Yes No

24.1 Sweeper shall be delivered to Midvale City in new operating condition.

24.2 Acceptance shall be subject to the inspection and approval of the City.

24.3 Bidder shall state delivery time after receipt of order:
30 to 60 Days Ago

25.0 REFERENCES

25.1 Bidder shall state the length of time in service as an authorized dealer for the product being proposed.
10 YEARS

25.2 Bidder shall submit the name, address, responsible party and phone number of not less than ten (5) municipal owners of comparable models to that being offered, who have used such models over a five year span. If none, state so.

26.0 QUALITY

26.1 Sweeper shall be manufactured by a company with a registered quality standard no less than ISO 9001.

27.0 OPTIONAL ITEMS

The City of Midvale may choose, at its sole discretion, to add any or all of optional items to this purchase. Bidder shall state the amount to be added to the Bidder's Proposal, should each item be selected.

ADDITIONAL COST: \$ _____

29.0 EXCEPTIONS AND DEVIATIONS

Bidder shall describe every variance. Additional sheets may be used if required.

PROPOSAL FORM

TO: Midvale City

The undersigned hereby declares that they have carefully examined the requirements of the specifications contained herein, and propose to furnish and deliver to the City of Midvale the apparatus listed below. The City may, at its sole discretion, either purchase or lease purchase such apparatus.

ONE (1) New and Unused Broom Street Sweeper with Belt Conveyor

BODY MAKE: ELGIN MODEL: PELICAN P

CHASSIS MAKE: ELGIN MODEL: PELICAN P

PURCHASE PRICE: @ \$ 138,875.00 Total: \$ 138,875.00

(In Words) ONE HUNDRED THIRTY EIGHT THOUSAND EIGHT HUNDRED SEVENTY FIVE.

OPTIONAL ITEMS: \$ -

Signed: 

Bidder: AL BROS INC.

Title: ACCOUNT MANAGER

Address: 1220 SOUTH LEWIS VIEW ST.
SLC, UT 84104

Date: 2/19/05

Purchase Order Number: _____

Signature _____

**Presents a Proposal Summary
of the**

ELGIN

**Pelican P Three Wheel Broom Street Sweeper
with Dual Side Brooms and Belt Conveyor**



for

Midvale City Corporation

655 West Center St.

Midvale, UT 84047

STANDARD FEATURES

PELICAN SERIES P, DUAL, with dual gutter brooms and main broom, hydraulically driven, John Deere 4045T diesel engine, hydrostatic drive and steering, chassis and wheels powder coated any single RAL color from the Drylac® Powder coatings color chart 2003/N and including the standard features listed below.

- Air cleaner, two-stage, dry type with restriction indicator
- Alternator, 120 amp
- Smart backup alarm (*in lieu of standard*)
- Battery, maintenance free
- Brake lever, Orscheln parking
- Brakes, power
- Broom, main, prefab, disposable
- Broom, main, spring suspended
- Bumper pads, front
- Doors, see-thru with bubble windows
- Engine, hour meter
- Fenders, over front wheels
- Flushing system for hopper/conveyor
- Fuel tank, 35 gallon
- Hose, hydrant fill, 16"8', with coupling
- Light, spotlight, adjustable, one per side broom
- Lights, 2 combination, tail/stop lights
- Lights, headlights, multiple beam
- Manuals, operator and parts
- Mirror, inside rear view
- Mirrors, outside, front mounted 6" fish eyes
- Mirrors, outside, West Coast type, one each side

- Seat belts (both sides for dual)
- Right-hand Bostrom air ride 910SC seat (*in lieu of standard*)
- Signals, self-canceling directional with hazard switch
- Sun visor(s)
- Tachometer, diesel engine
- Temperature gauge, hydrostatic oil
- Tires, tubeless radials
- Tow loops, four
- Water tank, fill gauge
- Water tank, molded polyethylene, 180 gallon total nominal capacity
- Wheels, dual guide
- Windshield, tinted
- Windshield washer
- Intermittent wipers (*in lieu of standard*)

OPTIONS

- 1000 Watt engine block heater
- Air conditioning-Fresh air heater/ventilator/defroster
- Auxiliary Engine Air Precleaner
- AM/FM radio stereo with cassette and clock
- Arrowstick
- Automatic pick-up of conveyor & main broom when put in reverse
- Automatic shutdown
- Smart Backup Alarm
- Carbide dirt shoes

- Chained cap to the sweeper for radiator,hydraulic or fuel tank
- Conveyor clean out system
- Coolant recovery system
- Fire extinguisher 5 lbs.
- Front defroster fan
- Fuel/water separator Racor 225
- Heavy-duty sprung guide wheel
- LH Bostrom air ride seat
- LifeLast polyurethane coated lower roller
- Low water light
- Lower water tank of 40 gal.
- Paint body RAL color
- Quick disconnect for water fill hose
- Reflectors, set of 6
- Two reversing side brooms
- Side broom tilt RH
- Silicone hoses
- Strobe light - Federal Signal
- Wire & mounting provisions for beacon or strobe light on the cab

Price Summary

Part Number	Description	Quantity	Price
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1025728	Reflectors, Set of 6 P	1	\$ 75.00
1036197	1000 Watt Blk Heater PSJ	1	\$ 245.00
1037130	AM/FM Stereo Cass/Clock PS	1	\$ 1,280.00
1037539	Conveyor Clean Out PS	1	\$ 335.00
1039850	Low Water Light PS	1	\$ 285.00
1041731	Arrowstick PS	1	\$ 1,280.00
1042010	QDisconnect Water Fill PS	1	\$ 390.00
1043190	Front Defroster Fan PS	1	\$ 220.00
1044028	SB Tilt Right P	1	\$ 1,195.00
1044093	Carbide Dirt Shoes PS	1	\$ 850.00
1048705	BU Alarm Smart PS	1	\$ 220.00
1049236	Chained Rad/Hyd/Fuel PS	1	\$ 40.00
1049498	Wire/Mnt for Beacon/Strobe PS	1	\$ 215.00
1054442	Heavy Duty Sprung Guide Wheel PS	1	\$ 2,135.00
1054446	LifeLast Coated Lower Roller PS	1	\$ 200.00
1055272	Strobe Light - Fed. Sig.	1	\$ 260.00
1055304	Pelican P Dual	1	\$ 115,335.00
1055603	Silicone Hoses PS	1	\$ 440.00
1055618	Coolant Recovery System PS	1	\$ 220.00
1055649	Intermittent Wipers PS	1	\$ 500.00
1055653	AutoShutdown PS	1	\$ 285.00
1055691	A/C-FA Heater/Vent/Def PS	1	\$ 3,255.00
1055790	RH Bostrom Air Ride Seat PS	1	\$ 515.00
1055791	LH Bostrom Air Ride Seat PS	1	\$ 515.00

1055894	Fuel/Wtr Sep. Racor 225 PS	1	\$ 300.00
1055899	Lower Water Tank 40 gal PS	1	\$ 445.00
1057875	Reversing SB Dual P	1	\$ 755.00
1058168	3 - Point Retractable Belts PS	1	\$ 660.00
1058865	Air Precleaner PS	1	\$ 330.00
1059248	Auto Pickup in Reverse PS	1	\$ 265.00
1063539	Fire Ext. 5 lbs PS	1	\$ 90.00
9999507	AZ, UT	1	\$ 2,075.00
9999910	Paint Three-wheel Body RAL Color	1	\$ 665.00
Sweeper Price		1	\$ 138,875.00

DATE OF OFFER:

VALIDITY OF OFFER: 90 days

EX-FACTORY DELIVERY: 26 - 28 weeks after receipt of order

PAYMENT TERMS:

SPECIAL NOTES:

1. Chassis specifications and data codes for customer supplied chassis must be submitted to and approved by Elgin Sweeper Company prior to submittal of customer purchase order.
2. All prices quoted are in US Dollars unless otherwise noted.

SIGNED BY:

_____ Date: _____

LIMITED WARRANTY

ELGIN SWEEPER COMPANY warrants each new machine manufactured by it against defects in material and workmanship provided the machine is used in a normal and reasonable manner. This warranty is extended only to the original user-purchaser for a period of twelve (12)

The use in the product of any part other than parts approved by ELGIN SWEEPER COMPANY may invalidate this warranty. ELGIN SWEEPER COMPANY reserves the right to determine, in its sole discretion, if the use of non-approved parts

months from the date of delivery to the original user-purchaser.

ELGIN SWEEPER COMPANY will cause to be repaired or replaced, as the Company, may elect, any part or part of such machine which the Company's examination discloses to be defective in material or workmanship.

Repairs or replacements are to be made at the selling Elgin distributor's location or at other locations approved by ELGIN SWEEPER COMPANY.

The ELGIN SWEEPER COMPANY warranty shall not apply to:

1. Major components or trade accessories such as but not limited to, trucks, engines, tires or batteries that have a separate warranty by the original manufacturer.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as but not limited to, broom filters, broom wire, shoe runners and rubber deflectors.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended by ELGIN SWEEPER COMPANY.
5. Repairs, modifications or alterations without the consent of ELGIN SWEEPER COMPANY which, in the Company's sole judgment, have adversely affected the machine's stability or reliability.
6. Items subjected to misuse, negligence, accident or improper maintenance.

operates to invalidate the warranty.

Nothing contained in this warranty shall make ELGIN SWEEPER COMPANY liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

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